

Point Transfer Device

19 Nov 63

25X1

25X1

1. Check on film for ☐
2. Center to Center 1 3/16"
3. Data of field sizes
4. Vacuum, must see edge
5. Reticle 5% variation from round
 - a. decrease in intensity by voltage variation
 - b. ghost image due to thickness of reflecting glass
6. Vibration data
7. Contron console
Separate rack
8. Linearize the relative displacement/velocity relationship on joystick pair.
9. No fine tuning
10. Saddle switch for L-R go-no go
11. Schedule. Copy

Anticipated field of view and magnifications for 552 view (11/19/63) with 6X eyepiece

System Power	Field of View at Film (inches dia.)
1.6X to 6.8X	2.74 to .64
4.2X to 18X	1.04 to .24
11 X to 47X	.39 to .093
33X to 144X	.133 to .030

Declass Review by
NIMA/DOD

Point Transfer Device

26 Oct 63

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☐ job exceptions to report 552 - 552A

1. No mention of temperature - max 30° above ambient
2. No mention of comparator
3. No mention of binocular/monoscopic viewing
4. No mention of the correlation between the optical and scan drive scale and direction settings.
5. The film loop is listed as 16 feet - vice 20
6. Laser point marking
7. No mention of illumination parameters,
 - a. intensity coupling to mag 500-600 F.L.
 - b. temperature 3500°K 50% - 100%
8. No financial statement
9. Elapsed time meter - 2000 hrs. norm work year
600 hrs.

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9 Oct 63

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1. 35mm spool types - cannel
 - a. ☐
 1. Round hole on one side
 2. Square with keyway on one or both
 - b. Sprocket holes 35 or 70

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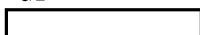
2. Chip sizes - 35mm

3. Lenses in Photography

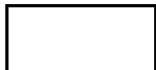


4. 33" minimum height w/casters ?
5. Minimum separation of 1" very difficult - 1.25"
6. Vibration analysis
7. 16" VS 12" shelf width
8. Presnet target precision is $\pm .001$ " accuracy
9. Screws 5mm pitch; $\pm .0002$ " lead error in 1 foot (unloaded)
5/8" pitch dia or 1"
10. Grids with intensity control

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Steve Galt